



# **The-Open-Group**

## **Exam Questions OG0-093**

OG0-093 TOGAF 9 Combined Part 1 and Part 2

#### NEW QUESTION 1

- (Exam Topic 2)

According to TOGAF, which of the following is the usual approach for developing the Baseline Business Architecture if no architecture or few architecture assets exist?

- A. Bottom up
- B. Envisioning
- C. Extensive
- D. Refactoring
- E. Top down

**Answer:** A

#### NEW QUESTION 2

- (Exam Topic 2)

Complete the sentence. The Architecture Board is typically responsible and accountable for achieving all of the following goals except

- A. ensuring consistency between sub-architectures
- B. approving the strategic business plans proposed by individual organization units within the enterprise
- C. enforcement of architecture compliance
- D. identifying and approving components for reuse
- E. providing the basis for all decision-making with regard to changes to the architecture

**Answer:** B

#### NEW QUESTION 3

- (Exam Topic 2)

Which one of the following is the practice by which the enterprise architecture and other architectures are managed and controlled at an enterprise level?

- A. Architecture governance
- B. Corporate governance
- C. IT governance
- D. Technology governance
- E. The program management office

**Answer:** A

#### NEW QUESTION 4

- (Exam Topic 2)

Which of the following is an objective of Phase G, Implementation Governance?

- A. Establish the resources for architecture governance
- B. Develop the Target Technology Architecture
- C. Ensure conformance for the target architecture
- D. Operate the governance framework
- E. Finalize the Implementation and Migration Plan

**Answer:** C

#### Explanation:

Reference

<http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap13.html>

#### NEW QUESTION 5

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the Question

You have been assigned the role of Chief Enterprise Architect within a leading North American information technology services company. The company has a number of service portfolios including infrastructure, applications, business process outsourcing, accounting, and financial services.

With numerous practice areas and a multitude of diverse engagements underway at any given time, overall engagement management within the company has become challenging. The company does not want to risk its outstanding reputation or its international certifications and CMM ratings.

The Chief Executive Officer and Chief Information Officer have co-sponsored the creation of an Enterprise Architecture prog-am based on TOGAF 9. An Architecture Board has been formed comprised of IT staff executives and executives from the major practice areas.

The Enterprise Architecture team has been working with the Strategic Planning team to create a strategic enterprise architecture to address these issues. The team has defined a framework and held workshops with key stakeholders to define a set of architecture principles to govern the architecture work. They have completed an Architecture Vision at a strategic level and laid out Architecture Definitions for the four domains. They have set out an ambitious vision of the future of the company over a five-year period. This includes a solution architecture including three distinct transformations.

The CIO has made it clear that prior to the approval of the detailed Implementation and Migration plan, the EA team will need to assess the risks associated with the proposed architecture. He has received concerns from some of the senior partners that the proposed architecture may be too ambitious and they are not sure it can produce sufficient value to warrant the attendant risks.

Refer to the Scenario

You have been asked to recommend an approach to satisfy these concerns. Based on TOGAF 9, which of the following is the best answer?

- A. You recommend that before preparing the detailed Implementation and Migration plan, the EA team should review and consolidate the gap analysis results from Phases B to D to understand the transformations that are required to achieve the proposed Target Architecture
- B. The EA team should assess the readiness of the organization to undergo change
- C. Once the Solution Architecture has been assembled, it should be analyzed using a state evolution table to determine the Transition Architectures.

- D. You recommend that the EA team apply an interoperability analysis to evaluate any potential issues across the Solution Architectur
- E. This should include the development of a matrix showing the interoperability retirement
- F. Once all of the concerns have been resolved, the EA team should finalize the Architecture Roadmap and the Implementation and Migration Plan.
- G. You recommend that the EA team apply the Business Transformation Readiness Assessment technique which will allow the risks associated with the transformations to be identified and mitigated for, it willalso identify improvement actions to be worked into the Implementation and Migration Pla
- H. A Business Value Assessment should be used to determine the business value and associated risks for the transformation.
- I. You recommend that the EA team should gather information about potential solutions from the appropriate source
- J. Once the Solution Architecture has been assembled, it should be analyzed using a state evolution table to determine the Transition Architecture
- K. A value realization process should then be established to ensure that the concerns raised are addressed.

**Answer:** B

#### NEW QUESTION 6

- (Exam Topic 2)

Which of the following best describes capability based planning?

- A. A business planning technique that focuses on business outcomes
- B. A business planning technique that focuses on horizontal capabilities
- C. A business planning technique that focuses on vertical capabilities
- D. A human resource planning technique that focuses on capable architects

**Answer:** A

#### NEW QUESTION 7

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the Question

You have been assigned the role of Lead Enterprise Architect for a manufacturing firm that specializes in musical instruments. The firm has been established for over 100 years, operating in North America for most of that time. In the last ten years, the firm has expanded into European markets and will soon establish a market in Latin America. A future expansion into the Asia Pacific region is also planned.

The firm is organized into several business units that each focus on manufacturing particular families of instruments such as brass, woodwind, and percussion. Each business unit has acquired other producers to expand its manufacturing capacity. This has resulted in a complex environment with a high diversity of business and manufacturing systems.

The Enterprise Architecture (EA) program within the firm has been functioning for several years. It has made significant progress in consolidating the technology portfolio and establishing key standards. The CIO and the COO are pint sponsors of the EA program. The EA program is mature, with an active Architecture Board and a well-defined architecture process and standard content templates based on the TOGAF 9 Architecture Content Framework. The EA process framework is well coordinated with the PMO, Systems Development, and Operations functions.

The firm has completed a strategic plan to reorganize its Sales & Marketing organization according to the four target geographic markets. One of the goals of this reorganization is to improve the ability of Marketing to collect more meaningful market analytics that will enable each sector to better address market needs with effective marketing campaigns and global product presence.

A Request for Architecture Work to address the goals of the reorganization has been approved. As the architecture team commences its work, the CIO has expressed concerns about whether the firm will be able to adapt to the proposed architecture and how to manage the associated risks.

Refer to the Scenario

You have been asked how to address the concerns of the CIO. Based on TOGAF 9, which of the following is the best answer?

- A. In Phase B, the team should create a set of views that will enable them to identify the factors that will influence the successful introduction of the architecture into the organizatio
- B. There should then be an assessment of each factor on a maturity scale that will allow the team to gauge the urgency, readiness, and degree of difficulty to fi
- C. These factors can then be used to assess the initial risks associated with the proposed architecture.
- D. In Phase A, the team should analyze their risk by completing an Implementation Factor Assessment and Deduction Matrix to identify the particular risks associated with the implementation and deploymen
- E. The matrix should include a list of factors to be considered, their descriptions, and constraints that should be taken into accoun
- F. These factors can then be used to assess the initial risks associated with the proposed architecture.
- G. In Phase A, the team should use the Business Transformation Readiness Assessment technique to identify the factors that will influence the successful introduction of the architecture into the organizatio
- H. The assessment should include determining the readiness rating for each factor based on a maturity scale that will allow the team to gauge the urgency, readiness, and degree of difficulty to fi
- I. These factors can then be used to assess the initial risks associated with the proposed architecture.
- J. In Phase A, the team should conduct a Business Scenario to identify the stakeholders' concerns and the resulting retirement
- K. Once the retirements have been identified, they can be assessed in terms of their risk
- L. The risks should be evaluated in terms of how they could be avoided, transferred, or mitigate
- M. Any risks that cannot be resolved should be identified as residual risks and their disposition should be decided by the Architecture Board.

**Answer:** C

#### Explanation:

This scenario is upon Request for Architecture Work, which kicks off the Phase A, the Architecture Vision. In this phase, risk should be considered, which is also the CIO's concern in this scenario. One of the approaches in TOGAF is the Business Transformation Readiness Assessment.

Incorrect:

Not B: Implementation Factor Assessment and Deduction Matrix is used for implementation & migration planning (not B).

#### NEW QUESTION 8

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

Your role is that of Lead Enterprise Architect for a chain of convenience stores. The chain includes over 15,000 retail outlets throughout the Asia-Pacific region. Each store in the chain is an independently owned and operated franchise. The stores operate 24 hours a day and 7 days a week. Many of the stores have been with the franchise for more than 10 years and still use the original IT systems deployed at that time.

The CEO of the chain has stated his concerns about the inefficiencies of the current systems and identified the need to change. He has defined a new strategic vision that will enhance the business by providing its franchisees new services to help them compete with other retail outlets and online retailers. This strategy is

part of the long-term commitment to enhance the brand image and increase revenue for the chain. He has also stated that he expects improved financial results by the end of the current fiscal year.

These changes will provide the chain with improved products, and more efficient operations. The stores will also act as delivery and return locations for a large online retailer which will further increase the number of potential customers. The addition of a corporate-wide data warehouse will provide analytics that will enable the marketing group to improve its ability to target advertising and new products to specific regions.

The chain has a mature Enterprise Architecture practice based in its headquarters and uses the TOGAF standard as the method and guiding framework. The CIO is the sponsor of the activity.

The Chief Architect engaged the services of a leading consulting firm that specializes in business strategy. An initial study has been conducted to identify the strategic changes needed to implement the CEO's vision. This recently completed with approval of a strategic architecture encompassing the entire chain, including detailed requirements and recommendations.

Based on the recommendations from the initial study, the decision for the chain to adopt a packaged suite of integrated applications that is tailored to the needs of the franchise has been taken.

Refer to the scenario

You have been asked by the Chief Architect to propose the best approach for architecture development to realize the CEO's vision.

Based on TOGAF, which of the following is the best answer?

- A. You propose that the target architecture is defined first, followed by transition planning
- B. This is because the vision is well understood and the strategic architecture agree
- C. The target first approach will ensure that the current problems and inefficiencies of the baseline architecture are not carried forward, and that the proposed solution addresses the requirements identified in the initial study.
- D. You propose that this engagement define the baseline architecture first in order to assess the current infrastructure capacity and capabilities
- E. The initial priority is to understand the problem. Then the focus should be on transition planning and architecture deployment
- F. This will identify requirements to ensure that the projects are sequenced in an optimal fashion so as to realize the vision.
- G. You propose that the team focus on architecture definition, with a specific emphasis on understanding the strategic change parameters of the business strategy
- H. Once understood, the team will be in the best position to identify the requirements, drivers, issues, and constraints for this engagement
- I. You would ensure that the target architecture addresses non-functional requirements so as to ensure the target architecture is robust and secure.
- J. You propose that the team focus on defining the target architecture by going through the architecture definition phases (B-D). This is because the initial study identified the need to change
- K. This will ensure that the change can be defined in a structured manner and address the requirements needed to realize the vision.

**Answer:** A

#### NEW QUESTION 9

- (Exam Topic 2)

Which of the following is the architecture domain that describes the logical software and hardware capabilities?

- A. Application Architecture
- B. Business Architecture
- C. Data Architecture
- D. Technology Architecture

**Answer:** D

#### NEW QUESTION 10

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

Your role is consultant to the Lead Architect within a multinational semiconductor and software design company. Its largest business is in processors, although it also designs system-on-a-chip infrastructure and manufactures memory chips. A characteristic feature of its processors is their low electric power consumption, which makes them particularly suitable for use in portable devices. As well as licensing its technology, the company has several manufacturing divisions.

The company has a mature enterprise architecture practice and uses TOGAF 9 for the basis of its architecture framework. In addition to the EA program, the company has a number of management frameworks in use, including business planning, portfolio/project management, and operations management. The EA program is sponsored by the CIO.

The company has defined a strategic architecture to improve its ability to meet customer demand and improve its ability to manage its supply chain. The strategic architecture called for the consolidation of multiple Enterprise Resource Planning (ERP) applications that have been operating independently in the divisions' production facilities. The goal is to replace the functionality of the existing applications with a new ERP product running as a single instance in the company's primary data center.

Each division has completed the Architecture Definition documentation required to tailor and configure the environment to meet its own specific manufacturing requirements.

The enterprise architects have analyzed the key corporate change attributes and implementation constraints. A consolidated gap analysis has been completed which has identified the gaps across the Business, Data, Application, and Technology domains. Based on the results of the gap analysis, the architects have reviewed the requirements, dependencies and interoperability requirements needed to integrate the new ERP environment into the existing environment. The architects have completed the Business Transformation Readiness Assessment started in Phase A. Based on all of these factors they have produced a risk assessment. They have also completed the Implementation and Migration Plan v0.1, the draft Architecture Roadmap, and the Capability Assessment deliverables. Because of the risks posed by the complexity of the current environment, it has been determined that a phased approach is needed to implement the target architectures. The overall implementation process is estimated to take several years.

Refer to the Scenario

You have been asked to recommend the next steps to prepare the final Implementation and Migration Plan. Based on TOGAF, which of the following is the best answer?

- A. You recommend that the enterprise architects apply the Business Value Assessment Technique to prioritize the implementation projects and project increment
- B. The assessment should focus on return on investment and performance evaluation criteria that can be used to monitor the progress of the architecture transformation
- C. They should confirm the Transition Architecture phases using an Architecture Definition Increments Table to list the project
- D. They should then document the lessons learned and generate the final Implementation and Migration Plan.
- E. You recommend that the enterprise architects conduct a series of Compliance Assessments to ensure that the architecture is being implemented according to the contract
- F. The Compliance Assessment should verify that the implementation team is using the proper development methodology
- G. It should include deployment of monitoring tools and ensure that performance targets are being met
- H. If they are not met, then changes to performance requirements should be identified and updated in the Implementation and Migration Plan.



- I. You recommend that the enterprise architects assess how the plan impacts the other frameworks in use in the organization
- J. Minimally, the plan should be coordinated with the business planning, portfolio/project management and operations management framework
- K. They should then assign a business value to each project, taking into account available resources and priorities for the project
- L. Finally, they should generate the Implementation and Migration Plan.
- M. You recommend that the enterprise architects place the Architecture Definition Document under configuration control
- N. This will ensure that the architecture remains relevant and responsive to the needs of the enterprise
- O. They should then produce an Implementation Governance Model to manage the lessons learned prior to finalizing the plan
- P. You recommend that lessons learned be applied as changes to the architecture without review.

**Answer: C**

#### NEW QUESTION 10

- (Exam Topic 2)

What part of the Architecture Repository holds specifications to which architectures must conform?

- A. Standards Information Base
- B. Enterprise Continuum
- C. Governance Log
- D. Architecture Landscape
- E. Reference Library

**Answer: A**

#### NEW QUESTION 14

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

You are working as a consultant to the Chief Architect at a government agency responsible for securing all government communications and information systems. The agency has recently received funding for a program that will upgrade the reliability and performance of its secure communication systems which provide real-time, highly secure communication of voice, video, and message data to remote locations around the world. The agency has an established enterprise architecture (EA) capability based on TOGAF 9. The Executive Director of the agency is the sponsor of the EA capability.

Since reliable, high-performance, and secure communications are essential to preserving national security, the Executive Director has placed more stringent requirements for the architecture for the upgraded system. It must be able to provide assurance and verification of specific performance measures on the key services that are most crucial for system operation. Focusing on these service-level details and specific measurements will allow more stringent requirements to be enforced in service contracts. It will also provide a high degree of assurance that necessary performance is being delivered and that notifications will occur if any critical service fails to perform as required.

A portion of the program budget has been allocated to conduct a review of the EA. The scope of the review is to evaluate the processes, content and governance of the EA capability to ensure that the higher target performance and service levels required by the upgraded system can be achieved.

The Chief Architect has noted that the core EA artifacts that have been used since TOGAF 9 was introduced are not adequate to describe these new capabilities. The artifacts do not have explicit provisions for defining the in-depth measurement requirements regarding specific services required for the system. She has learned that certain services within the current system have service measurement implementations that match some of the new requirements, but they are only used in a few areas.

Recent EA efforts at another national agency have produced generalized high-performance communication system models to realize similar requirements in a critical defense system involving secure communications. It is possible that these models may be useful for the upgrade program.

Refer to the Scenario

You have been asked to make recommendations for tailoring the Architecture Content Metamodel to accommodate the requirements of the upgraded system. Based on TOGAF, which of the following is the best answer?

- A. Since some artifacts will now require specific measurements and additional data will be needed to support the performance objectives linked to these measurements, you recommend that the motivation and governance extensions of the TOGAF 9 Content Metamodel are used
- B. Using these extensions will allow modeling the goals, objectives and drivers for the architecture, linking them to service levels and more detailed governance model
- C. This will also enable the ability to re-use existing profiles, customizing them for the various service contracts involved.
- D. You recommend all of the TOGAF 9 Content Metamodel extensions be incorporated into the Architecture Content Metamodel
- E. The full Content Metamodel will enable the EA team to capture and categorize all the important additional data needs to support the performance and measurement objectives linked to these artifacts
- F. Once the new repository content has been implemented, on-demand queries can be used to generate a customized governance stakeholder view that isolates the artifacts and data needed to assess measurement for any particular service
- G. If this view is found to be inadequate for the governance concerns, the service models within those artifacts can be expanded.
- H. Since this case requires extensions of the modeling and data details of the service, this is best done by using the services extension of the TOGAF 9 Content Metamodel
- I. By using this extension, the service model is no longer constrained by what is expected in typical business service definitions, allowing more flexibility for adding customized models to support the more stringent measurement requirement
- J. The services extension can also be used to map terminology between the business services and the application components.
- K. To support the type of stringent performance measurements needed for the more detailed governance views required for the upgraded system, the interfaces to the communication and network layer of the architecture must be highly visible at the application level
- L. To accommodate the proper development of this, a Communications Engineering view should be created from the infrastructure extension models of the TOGAF Content Metamodel
- M. This view will allow architects to align the required performance measurement communications across the system.

**Answer: C**

#### NEW QUESTION 17

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

You are serving as the Lead Architect for an Enterprise Architecture project team within a multinational oil and gas corporation. It is organized into two major business groupings:

-Upstream operations which include exploration for crude oil and natural gas and operating the infrastructure necessary to deliver oil and gas to the market.

-Downstream operations which include the manufacturing, distribution and marketing activities for oil products and chemicals  
Safety is a priority for the company, with the aim to ensure it causes zero harm to people and the environment. The company has to satisfy the regulatory requirements of each of the countries it operates in.  
The downstream business generates a third of the company's profits worldwide and includes more than 30,000 petrol stations and various oil refineries. In some countries it also includes oil refining, a retail station network, lubricants manufacture and marketing, industrial fuel and lubricants sales. The practice for the downstream business has been to operate locally managed by local "operating companies".  
The Governing Board is concerned about the risk posed by operating in this complex global environment with a large part of the downstream business represented by local operating companies. As a result, the Chief Executive Officer (CEO) has appointed a Chief Compliance Officer (CCO) to be responsible for overseeing and managing compliance issues for the corporation. The CCO reports directly to the CEO.  
The CCO has approved the expenditure of resources to establish an Enterprise Architecture program, and has mandated the use of the TOGAF standard as the framework. He has requested to be informed about the status of downstream operations that could impact regulatory compliance. He also wants the corporate legal staff and auditors to analyze all proposed new downstream operations to ensure that they are within the legal guidelines for each country. In addition, the local operating companies should be able to see that the architecture is appropriate for their needs.  
The architecture project team has worked within the sponsor to complete a detailed Request for Architecture Work providing the high level project description. As the project commences the next phase, the necessary approvals from corporate and line management have been .....  
Refer to the Scenario  
You have been asked to recommend an approach that would enable the development of an architecture that addresses the needs of the Chief Compliance Officer, legal staff, auditors and the local operating companies.  
Based on the TOGAF standard, which of the following is the best answer?

- A. You recommend that a set of models be created for each project architecture that can be used to ensure that the system will be compliant with the local regulation
- B. A formal review should be held with the stakeholders to verify that their concerns have been properly addressed by the models.
- C. You recommend that an analysis of the stakeholders is undertaken, including development of a Stakeholder Map
- D. This will allow the architectures to define groups of stakeholders who have common concern
- E. The concerns and relevant viewpoints should be defined for each group of stakeholders, and recorded in the Architecture Vision document.
- F. You recommend that the ArchiMate modeling language is used to create a set of models that can be applied uniformly across all architecture project
- G. Each architecture should then be defined based on this fixed set of model
- H. All concerned parties can then examine the models to ensure that their needs have been addressed.
- I. You recommend that a Communications Plan be created to address the powerful and influential stakeholder
- J. This plan should include a report that summarizes the key features of the architecture with respect to each location and reflect the stakeholders' requirement
- K. You will check with each stakeholder that their concerns are being addressed.

**Answer: B**

#### NEW QUESTION 22

- (Exam Topic 2)

Which one of the following best describes the implications of TOGAF being a generic framework?

- A. The organization must utilize an architecture tool in order to tailor the templates for use
- B. It must be adapted to satisfy organization specific requirements
- C. It can be utilized by most enterprises without further customization
- D. It can only be used for enterprise level architecture projects
- E. It should only be employed under the supervision of highly trained consultants

**Answer: B**

#### NEW QUESTION 26

- (Exam Topic 2)

Complete the sentence. In TOGAF, legacy systems and processes that are going to be used again in the future are considered \_\_\_\_\_

- A. Architecture Building Blocks
- B. Components
- C. Patterns
- D. Re-usable Building Blocks
- E. Solution Building Blocks

**Answer: D**

#### NEW QUESTION 28

- (Exam Topic 2)

Which of the following is a true statement about the TOGAF Technical Reference Model?

- A. The TOGAF Architecture Development Method mandates the use of the Technical Reference Model for large complex architecture projects
- B. The Technical Reference Model is an integral part of the TOGAF Architecture Development Method
- C. The Technical Reference Model should not be modified
- D. The Technical Reference Model includes a set of graphical models and a corresponding taxonomy
- E. The Technical Reference Model provides a direct mapping to the Zachman Framework

**Answer: D**

#### NEW QUESTION 29

- (Exam Topic 2)

What ADM Phase generates the initial complete version of the Architecture Roadmap?

- A. Phase A: Architecture Vision
- B. Phase E: Opportunities and Solutions
- C. Phase B: Business Architecture
- D. Phase D: Technology Architecture

E. Phase F: Migration Planning

**Answer:** B

### NEW QUESTION 30

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the question

ABC LLC is a vacation property management firm that is growing through acquisition. It manages over 200 resort properties across North America. Many of the resort properties use the same internal IT systems that they used before they were acquired. Until recently, the only requirement that has been placed in each property is that they use a standard financial reporting system to report their financials ID the headquarters on a weekly basis.

The CEO has stated his concerns about the inefficiencies of the current approach and identified the need to change. He has defined a new strategic vision that will enhance the LLC property business by standardizing its operations across the network to provide consolidated financial, human resources, logistics, sales and marketing, and yield management. He has also stated that he expects results by the end of the current fiscal year.

These changes will provide the company with improved utilization of its capacity and more efficient operations. The addition of a corporate-wide data warehouse will provide analytics that will enable the marketing group to improve its ability to target advertising into key markets to improve yields.

The LLC has a mature enterprise architecture (EA) practice and uses TOGAF 9 as the method and guiding framework. The CIO is the sponsor of the activity.

In planning this change, the Chief Architect engaged the services of a well-known consulting firm that specializes in business strategy. An initial study has been conducted to identify the strategic changes needed to implement the CEO's vision. This recently completed with approval of a strategic architecture encompassing the entire firm, including detailed requirements and recommendations.

Based on the recommendations from the initial engagement, the company has embraced an Architecture Vision to adopt an enterprise application that is tailored to the needs of the hospitality industry.

Refer to the scenario

Your role is that of Chief Architect. You have been asked to recommend the best approach to take in this architecture engagement to realize the CEO's vision.

Based on TOGAF 9, which of the following is the best answer?

A. Since the initial engagement has identified the need to change, you recommend that the team focus on defining the target architecture by going through the architecture definition phases (B-D). This will ensure that the change can be defined in a structured manner and address the requirements needed to realize the vision.

B. Since the vision is well understood and the strategic architecture agreed, you recommend that the target architecture is defined first, followed by transition planning

C. This will ensure that the current inefficiencies of the baseline architecture are not carried forward, and that the proposed solution addresses the requirements identified in the initial architecture engagement.

D. You recommend that this engagement define the Technology Architecture first in order to assess the current infrastructure capacity and capability

E. Then the focus should be on transition planning and architecture deployment

F. This will identify requirements to ensure that the projects are sequenced in an optimal fashion so as to realize the vision.

G. You recommend that the team focus on architecture definition, with a specific emphasis on understanding the strategic change parameters of the business strategy

H. Once understood, the team will be in the best position to identify the requirements, drivers, issues, and constraints for this engagement

I. You would ensure that the target architecture addresses non-functional requirements so as to help forecast future impacts.

**Answer:** C

### NEW QUESTION 35

- (Exam Topic 2)

What does the TOGAF standard describe as a structure which can be used for developing a broad range of architectures?

A. Architecture Viewpoint

B. Work Package

C. Metamodel

D. Architecture Framework

E. Deliverable

**Answer:** D

**Explanation:**

References:

### NEW QUESTION 38

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the Question

You are serving as the Chief Architect for a large, global commodities trading company which has been growing rapidly through a series of acquisitions.

Each business is performing well in its markets. However, the lack of integration between headquarters and the business units has increasingly caused problems in the handling of customer and financial information. The inability to share information across businesses has resulted in lost opportunities to "leverage the synergies" that had been intended when the businesses were acquired. At present, each business unit maintains its own applications. Despite an earlier initiative to install a common application to manage customer, products, supplier, and inventory information, each business unit has different ways of defining each of these core elements and has customized the common application to the point where the ability to exchange information is difficult, costly, and error-prone.

As a result, the company has made the decision to introduce a single enterprise-wide application to consolidate information from several applications that exist across the lines of business. The application will be used by all business units and accessed by suppliers through well defined interfaces.

Refer to the Scenario

As part of the process for establishing the Enterprise Architecture department, you are developing a set of architecture principles to guide the activities.

You need to specify the best approach for this work.

Based on TOGAF 9, which of the following is the best answer?

A. You gather information from credible industry sources in the commodities business

B. Based on that, you assess current trends and apply that to defining a set of principles that embody best practice

C. You select architecture principles that do not conflict with each other and that should be stable

D. You ensure that all the principles are realistic and avoid including principles that are obvious.

E. You examine the mission statements for the company and each of its businesses, together with the corporate value statement



- F. Based on that, you define a set of principles and review with the CI
- G. When developing the principles, you ensure that they actively promote the alignment of IT with the business strategies and initiatives of the company
- H. You then seek the endorsement of the CIO and senior management.
- I. You define a set of principles that support the preferred best practices embodied in the Enterprise Architecture department charter
- J. You publish the principles on the corporate intranet to ensure widespread acceptance and compliance
- K. You then schedule regular periodic Compliance Assessments with individual business units to check that they have made satisfactory progress toward meeting the objectives and conditions embodied in the principles.
- L. You examine the mission statements for the company and each of its businesses, together with the corporate value statement
- M. Based on that, you work with the Architecture Board to define the principle
- N. When developing the principles, you ensure that they actively promote the alignment of IT with the corporate business strategies
- O. You then hold a series of review meetings with all the relevant stakeholders, including senior management, ensuring their support.

**Answer:** D

#### NEW QUESTION 41

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the question

Your role is consultant to the Lead Architect within a company that manufactures a variety of small electromechanical devices. As part of a corporate-wide Lean Manufacturing initiative, the company has defined a strategic architecture to improve its ability to meet consumer demand and improve its ability to manage its supply chain. The strategic architecture called for the consolidation of multiple Enterprise Resource Planning (ERP) applications that have been operating independently in several of the divisions' production facilities. The goal is to replace the functionality of the existing applications with a new ERP product running as a single instance in the company's primary data center.

The company has a mature enterprise architecture practice and uses TOGAF 9 for the basis of its architecture framework. In addition to the EA program, the company has a number of management frameworks in use, including business planning, portfolio/project management, and operations management. The EA program is sponsored by the CIO.

Each division has completed the Architecture Definition documentation required to tailor and configure the environment to meet its own specific manufacturing requirements.

The enterprise architects have analyzed the key corporate change attributes and implementation constraints. A consolidated gap analysis has been completed which has identified the gaps across the Business, Data, Application, and Technology domains. Based on the results of the gap analysis, the architects have reviewed the requirements, dependencies and interoperability requirements needed to integrate the new ERP environment into the existing environment. The architects have completed the Business Transformation Readiness Assessment started in Phase A. Based on all of these factors they have produced a risk assessment.

Because of the risks posed by the complexity of the current environment, it has been determined that a phased approach is needed to implement the target architectures. The overall implementation process is estimated to take several years.

Refer to the Scenario

The Implementation and Migration Plan v0.1, the draft Architecture Roadmap, and the Capability Assessment deliverables are now complete. You have been asked to recommend the next steps to prepare the final Implementation and Migration Plan.

Based on TOGAF 9, which of the following is the best answer?

- A. You would apply the Business Value Assessment Technique to prioritize the implementation projects and project increment
- B. The assessment should focus on return on investment and performance evaluation criteria that can be used to monitor the progress of the architecture transformation
- C. You would confirm the Transition Architecture phases using an Architecture Definition Increments Table to list the project
- D. You would then document the lessons learned and generate the final plan.
- E. You would assess how the plan impacts the other frameworks in use in the organization
- F. Minimally, the plan should be coordinated with the business planning, portfolio/project management and operations management framework
- G. You would then assign a business value to each project, taking into account available resources and priorities for the project
- H. Finally, you would generate the Implementation and Migration Plan.
- I. You would conduct a series of Compliance Assessments to ensure that the implementation team is implementing the architecture according to the contract
- J. The Compliance Assessment should verify that the implementation team is using the proper development methodology
- K. It should include deployment of monitoring tools and ensure that performance targets are being met
- L. If they are not met, then changes to performance requirements should be identified and updated in the Implementation and Migration Plan.
- M. You would place the strategic Architecture Definition and Transition Architectures under configuration control as part of the ongoing architecture development cycle
- N. This will ensure that the architecture remains relevant and responsive to the needs of the enterprise
- O. You would then produce an Implementation Governance Model to manage the lessons learned prior to finalizing the plan
- P. You recommend that lessons learned be accepted by the Architecture Board as changes to the architecture without review.

**Answer:** A

#### Explanation:

Business Value Technique usually follows BTRA, and will fulfill the requirement to phase approach by prioritizing projects and listing their execution using ADI table.

#### NEW QUESTION 46

- (Exam Topic 2)

Which phase of the ADM focuses on the governance and management of the Architecture Contracts that cover the overall implementation and deployment process?

- A. Requirements Management
- B. Phase E
- C. Phase F
- D. Phase G
- E. Phase H

**Answer:** D

#### NEW QUESTION 49

- (Exam Topic 2)



Which one of the following is defined by TOGAF as: the fundamental organization of a system embodied in its components, their relationship to each other, and the principles guiding its design and evolution?

- A. Architecture
- B. Metamodel
- C. Model
- D. Ontology
- E. Pattern

**Answer:** A

#### NEW QUESTION 50

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

You are serving as the Lead Architect for an enterprise architecture project team within a leading multinational pharmaceutical and medical devices manufacturer. Its brands include numerous household names for medications and first aid supplies.

The company has a long history of innovating new treatments for many common illnesses and diseases. Prior to launching a new treatment, the company has to demonstrate its effectiveness and safety in a set of clinical trials that satisfy the regulatory requirements of the countries in the target markets. All clinical trials are undertaken by its research laboratories, which employ over 10,000 people at separate facilities in the United Kingdom, United States, Sweden, France, Canada, India, China and Japan. In addition to internal research and development activities the company is also involved in publicly funded collaborative research projects, with other industrial and academic partners.

The Enterprise Architecture group within the company has been engaged in an architecture development project to create a secure networked collaboration system that will allow researchers at its product development laboratories worldwide to share information about their clinical trials. This system will also connect with external partners.

The Enterprise Architecture group within the company has been engaged in an architecture development project to create a secure networked collaboration system that will allow researchers at its product development laboratories worldwide to share information about their clinical trials. This system will also connect with external partners.

The Enterprise Architecture group is a mature organization. They use the TOGAF 9 ADM with extensions required to support current good manufacturing practices and good laboratory practices in their target markets. Due to the highly sensitive nature of the information that is managed, special care was taken to ensure that each architecture domain included an examination of the security and privacy issues that are relevant.

The Executive Vice President for Clinical Research is the sponsor of the Enterprise Architecture activity. She has stated that the changes to the enterprise architecture for the new system will need to be rolled out in stages on a regional basis that minimizes disruptions to ongoing clinical trials.

Refer to the Scenario

You have been asked to recommend the approach to identify the work packages that will be included in the Transition Architecture(s).

Based on TOGAF, which of the following is the best answer?

- A. Determine the set of Solution Building Blocks required by identifying which Solution Building Blocks need to be developed and which need to be procure
- B. Eliminate any duplicate building block
- C. Group the remaining Solution Building Blocks together to create the work packages using a CRUD matrix
- D. Rank the work packages in terms of cost and select the most cost-effective options for inclusion in a series of Transition Architecture
- E. Schedule the roll out of the work packages to be sequential across the geographic regions.
- F. Create an Implementation Factor Assessment and Deduction Matrix and a Consolidated Gaps, Solutions and Dependencies Matrix
- G. For each gap, identify a proposed solution and classify it as new development, purchased solution, or based on an existing product
- H. Group similar solutions together to form work package
- I. Identify dependencies between work packages factoring in the clinical trial schedule
- J. Regroup the packages into a set of Capability Increments scheduled into a series of Transition Architectures.
- K. Group the Solution Building Blocks from a Consolidated Gaps, Solutions and Dependencies Matrix into a set of work package
- L. Using the matrix as a planning tool, regroup the work packages to account for dependencies
- M. Sequence the work packages into the Capability Increments needed to achieve the Target Architecture
- N. Schedule the rollout one region at a time
- O. Document the progression of the enterprise architecture using a state evolution table.
- P. Use a Consolidated Gaps, Solutions and Dependencies Matrix as a planning tool
- Q. For each gap classify whether the solution is either a new development, purchased solution, or based on an existing product. Group the similar solutions together to define the work package
- R. Regroup the work packages into a set of Capability Increments to transition to the Target Architecture taking into account the schedule for clinical trials.

**Answer:** D

#### NEW QUESTION 52

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the Question.

The ABC Ltd. is a leading medical device manufacturer in the highly competitive market for Migraine Headache Pain Management (MHPM) devices. These tiny wireless devices are implanted in the brain and can deliver a precise electric shock when the wearable Pain Control Unit (PCU) detects an increase in stress induced by the onset of a migraine headache. This technology will be a breakthrough in the treatment of this condition, and several competitors are striving to be the first to introduce a product into the market. However, all of them must demonstrate the effectiveness and safety of their products in a set of clinical trials that will satisfy the regulatory requirements of the countries in the target markets.

The Enterprise Architecture group at the company has been engaged in an architecture development project to create a secure networked collaboration system that will allow researchers at its product development laboratories worldwide to share information about their independent clinical trials. The Enterprise Architecture group is a mature organization that has been utilizing TOGAF for several years. The company Architecture Development Method is strictly based on TOGAF 9 with extensions required to support current good manufacturing practices and good laboratory practices in their target markets. The project team has now completed the Business, Information Systems, and Technology Architecture phases and has produced a complete set of deliverables for each phase. Due to the highly sensitive nature of the information that is managed, special care was taken to ensure that each architecture domain included an examination of the security and privacy issues that are relevant for each domain. A corresponding Security Architecture has been defined.

The Executive Vice President for Clinical Research is the sponsor of the Enterprise Architecture activity. He has stated that the changes to the enterprise architecture for the new system will need to be rolled out on a geographic basis that will minimize disruptions to ongoing clinical trials. The work will need to be done in stages and rolled out in geographical regions.

Refer to the Scenario

You are serving as the Lead Architect for the project team.

You have been asked to recommend the approach to identify the work packages that will be included in the Transition Architecture(s).

Based on TOGAF 9, which of the following is the best answer?

- A. Create an Implementation Factor Assessment and Deduction Matrix and a Consolidated Gaps, Solutions and Dependencies Matrix
- B. For each gap, identify a proposed solution and classify it as new development, purchased solution, or based on an existing product
- C. Group similar solutions together to form work package
- D. Identify dependencies between work packages factoring in the clinical trial schedule
- E. Regroup the packages into a set of Capability Increments scheduled into a series of Transition Architectures and documented in an Architecture Definition Increments Table.
- F. Determine the set of Solution Building Blocks required by identifying which Solution Building Blocks need to be developed and which need to be procure
- G. Eliminate any duplicate building block
- H. Group the remaining Solution Building Blocks together to create the work packages using a CRUD matrix
- I. Rank the work packages in terms of cost and select the most cost-effective options for inclusion in a series of Transition Architecture
- J. Schedule the roll out of the work packages to be sequential across the geographic regions.
- K. Use a Consolidated Gaps, Solutions and Dependencies Matrix as a planning tool
- L. For each gap classify whether the solution is either a new development, purchased solution, or based on an existing product
- M. Group the similar solutions together to define the work package
- N. Regroup the work packages into a set of Capability Increments to transition to the Target Architecture taking into account the schedule for clinical trials.
- O. Group the Solution Building Blocks from a Consolidated Gaps, Solutions and Dependencies Matrix into a set of work package
- P. Using the matrix as a planning tool, regroup the work packages to account for dependencies
- Q. Sequence the work packages into the Capability Increments needed to achieve the Target Architecture
- R. Schedule the rollout one region at a time
- S. Document the progression of the enterprise architecture using an Enterprise Architecture State Evolution table.

**Answer: C**

#### NEW QUESTION 56

- (Exam Topic 2)

In the Solutions Continuum, which of the following is the correct order of Solutions from most-specific to most-generic?

- A. Common Systems, Foundation, Industry, Organization-Specific
- B. Organization-Specific, Industry, Foundation, Common Systems
- C. Foundation, Common Systems, Industry, Organization-Specific
- D. Industry, Foundation, Common Systems, Organization-Specific
- E. Organization-Specific, Industry, Common Systems, Foundation

**Answer: E**

#### NEW QUESTION 59

- (Exam Topic 2)

Which one of the following statements about TOGAF Building Blocks is NOT true?

- A. They should not be reused in other enterprise architecture projects
- B. They should have stable, published interfaces that allow other building block to interoperate with them
- C. They are packages of functionality intended to meet the business needs across the organization
- D. They have defined boundaries

**Answer: A**

#### NEW QUESTION 62

- (Exam Topic 2)

Which model within TOGAF is intended to assist with the release management of the TOGAF specification?

- A. The Capability Maturity Model
- B. The Document Categorization Model
- C. The Integrated Infrastructure Information Model
- D. The Organizational Model for Enterprise Architecture
- E. The Technical Reference Model

**Answer: B**

#### NEW QUESTION 65

- (Exam Topic 2)

According to TOGAF, which one of the following best describes an enterprise architecture?

- A. An architecture of a commercial organization
- B. An architecture that consists of more than one subsidiary company
- C. An architecture that crosses multiple systems, and multiple functional groups within the enterprise
- D. The highest level of architecture that can be achieved in a given organization

**Answer: C**

#### NEW QUESTION 68

- (Exam Topic 2)

Complete the sentence. The Architecture Landscape is divided into levels, Strategic Architectures, \_\_\_\_\_

- A. Segment Architectures, and Capability Architectures
- B. Solution Architectures, and Corporate Architectures
- C. Gap Architectures, and Target Architectures

- D. Transitional Architectures, and Incremental Architectures
- E. Baseline Architectures, and To Be Architectures

**Answer:** A

#### NEW QUESTION 69

- (Exam Topic 2)

Which one of the following is recommended to define requirements and articulate the Architecture Vision created in Phase A?

- A. Business scenario
- B. Impact analysis
- C. Mission statement
- D. Requirements analysis
- E. Solution architecture

**Answer:** A

#### NEW QUESTION 72

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

You are serving as the Lead Architect for the enterprise architecture team at a multinational company. The company has grown rapidly by acquisition and has inherited numerous supply chain processes and related IT systems. Several supply chain processes have had problems related to the timing of purchases, which has led to excess inventory. The Vice President in charge of Supply Chain Management has made the decision to consolidate and reduce redundant processes and systems. The company will move to a "Just-in-time" supply chain management system so as to keep inventory costs low.

The TOGAF standard is used for internal Enterprise Architecture activities. This project is using an iterative approach for executing the Architecture Development Method (ADM).

At present, there are no particularly useful architectural assets in the Architecture Repository related to this initiative. All assets will need to be acquired, customized, or created. The company prefers to implement commercial off the shelf package applications with little customization. The CIO, who is the project sponsor, has stated that she is not concerned about preserving the existing supply chain management processes or systems.

The architecture development project has completed Phase A and has started a number of iteration cycles to develop the Architecture. As a packaged application is being considered, the next iteration will include both the Business, Application and Data Architectures. Key stakeholder concerns that should be addressed by these architectures include:

- \* 1. What groups of people should be involved in supply chain management-related business processes?
- \* 2. What non-supply chain management applications will need to be integrated with the new supply chain management applications?
- \* 3. What data will need to be shared? Refer to the Scenario

[Note: You may need to refer to Chapter 35 of the reference text in order to answer this question.] You have been asked to identify the most appropriate catalogs, matrices, and diagrams to support the next iteration of Architecture development.

Based on TOGAF, which of the following is the best answer?

- A. In the next iteration of Architecture development, you would describe the Baseline Business Architecture with a Value Chain diagram and a Baseline Business Process catalog
- B. You would describe the Baseline Data Architecture with a Data diagram
- C. You would describe the Baseline Application Architecture with an Environment and Location diagram.
- D. In the next iteration of Architecture development, you would describe the Target Business Architecture with an Organization/Actor catalog, a Business Service/Function catalog and Data Lifecycle diagram
- E. You would describe the Target Application Architecture with an Application Interaction matrix and Application Communications diagrams.
- F. You would describe the Baseline Business Architecture with a Business Service/Function catalog, an Organization/Actor catalog and a Data Entity/Business Function matrix
- G. You would describe the Baseline Data Architecture using a Data Entity/Data Component catalog
- H. You would describe the Baseline Application Architecture with an Application/Function matrix.
- I. You would describe the Target Business Architecture with a Business Service/Function catalog, and a Business Interaction matrix
- J. You would describe the Target Data Architecture with a Data Entity/Business Function matrix and an Application/Data matrix
- K. You would describe the Target Application Architecture with Application Communication diagrams and an Application Interaction matrix.

**Answer:** B

#### NEW QUESTION 73

- (Exam Topic 2)

Gap Analysis is a technique used in Phases B, C, D and E. Which one of the following statements best describes the gap analysis technique?

- A. It highlights areas of stakeholder concern
- B. It highlights the impacts of change
- C. It highlights services that are yet to be developed
- D. It highlights services that are available
- E. It highlights different viewpoints

**Answer:** C

#### NEW QUESTION 76

- (Exam Topic 2)

During a TOGAF ADM cycle, an architecture is denoted as Version 10. What does this indicate?

- A. A draft, detailed architecture
- B. A formally reviewed, detailed architecture
- C. A formally reviewed, preliminary architecture
- D. A preliminary outline architecture
- E. A high-level outline architecture



Answer: B

#### NEW QUESTION 80

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the question

You are serving as the Lead Enterprise Architect for a chain of convenience stores. The stores operate 24 hours a day and 7 days a week and use cloud-based point-of-sale (POS) technology to manage their sales and inventory. Cloud-based POS systems store all user data, including sales and inventory in a remote server.

The cloud-based systems collect real-time data to support ordering and product selection decisions including the tailoring of product assortment based on sales history, customer demographics as well as the next day's weather forecast. In many cases, several stores are located in neighboring areas. This strategy makes distribution to each store cheaper, as well as making multiple deliveries per day possible. The stores also act as self-service delivery locations for a large online retailer which further increases the number of potential customers entering the stores.

An Enterprise Architecture practice exists within the company, with the CEO and CIO as joint sponsors. They have decided to adopt TOGAF standard within the practice and the first project is to restructure the Enterprise Architecture so that it can better support the existing environment and accommodate future changes of strategy within the company.

The CIO has stated that the following issues need to be addressed in the restructuring:

- ▶ They need to address problems with data quality and inconsistent data in order to support better decision making and analysis.
- ▶ The architecture should focus on the needs of the business, not technology
- ▶ To remain competitive, new products and promotions must undergo market trials before deployment across the retail chain. Information systems must be able to manage changes and updates without undue delays.

[Note: You should assume that the company has adopted the example set of principles that are listed and defined in TOGAF standard, Architecture Principles chapter. You may need to refer to the Architecture Principles chapter, section 20.6 (located in Part III) within the reference text in order to answer this question.]

You have been asked to identify the most relevant architecture principles for the current situation. Based on the TOGAF standard, which of the following is the best answer? [Note: The ordering of the principles listed in each answer is not significant.]

- A. Requirements Based Change, Responsive Change Management, Data Trustee, Common Vocabulary and Data Definitions, Business Continuity
- B. IT Responsibility, Data Security, Ease of Use, Service Orientation, Common Use Applications
- C. Maximize Benefit to the Enterprise, Data Trustee, Data is an Asset, Responsive Change Management, Interoperability
- D. Data is Accessible, Data is Shared, Interoperability, Requirements Based Change, Control Technical Diversity

Answer: C

#### NEW QUESTION 85

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the question

The ABC company specializes in the development of wind turbine blades for use in large-scale commercial wind energy production systems. The company has manufacturing facilities located in Palm Springs, California, Omaha, Nebraska, and Winnipeg, Manitoba. Each of these plants supplies a different manufacturer that builds and sells complete systems. The turbine blades are custom engineered to meet each manufacturer's design specifications.

Until recently, most turbine blades were fabricated manually using molded fiber-reinforced plastics. However, recent improvements in composite materials, coupled with enhanced automated methods for precision application of materials during the molding process, have led to significant reduction in weight, increase in strength, and greatly improved blade longevity. The company has pioneered the development of a proprietary automated process for continuous extrusion of the turbine blades. Patents have been filed to protect the process, but certain trade secrets must be closely guarded.

The company has a mature Enterprise Architecture organization that is supported by a cross-functional Architecture Review Board. The Chief Information Officer and the Chief Operating Officer co-sponsor the Enterprise Architecture program.

The company has used TOGAF and its Architecture Development Method (ADM) to develop its automated manufacturing processes and systems that are used to design, manufacture, and test the blade assemblies. They have adapted their Enterprise Architecture to closely follow the TOGAF 9 framework. All of the company's enterprise architects have been trained and certified on TOGAF 9. Recently, an architecture project was completed that defined a standard approach for controlling the Automated Test System that is used at each plant to perform final quality assurance tests on each completed blade assembly. The Manufacturing Architecture Board approved the plan for immediate implementation at each plant.

An Architecture Contract was developed that detailed the work needed to implement and deploy the new Automated Test System controller. The Chief Engineer, sponsor of the activity, has expressed concern that a uniform process be employed at each site to ensure consistency.

Refer to the Scenario

You are the Lead Architect for this activity.

You have been asked to recommend the best approach to adopt to address the Chief Engineer's concern. Based on TOGAF 9, which of the following is the best answer?

- A. You create an Architecture Contract to manage and govern the implementation and migration process
- B. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract
- C. For internal development projects, you decide it is adequate to utilize a memorandum of understanding between the Manufacturing Architecture Board and the implementation organization. You recommend that if a deviation from the contract is detected, the Manufacturing Architecture Board should modify the Architecture Contract to allow the implementation organization the ability to customize the process to meet their local need
- D. As a result, you then issue a new Request for Architecture Work to implement the modified Architecture Definition.
- E. You create an Architecture Contract to manage and govern the implementation and migration process
- F. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract
- G. For internal development projects, you decide it is adequate to utilize a memorandum of understanding between the Manufacturing Architecture Board and the implementation organization. You recommend that if a deviation from the Architecture Contract is detected, the Manufacturing Architecture Board grant a dispensation ID allow the implementation organization the ability to customize the process to meet their local needs.
- H. You create an Architecture Contract to manage and govern the implementation and migration process
- I. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract
- J. For internal development projects, you decide it is adequate to utilize a memorandum of understanding between the Manufacturing Architecture Board and the implementation organization. You ensure that the Manufacturing Architecture Board reviews all deviations from the Architecture Contract, and considers whether or not to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.
- K. You create an Architecture Contract to govern the implementation and migration process at each site
- L. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract
- M. You ensure that the contract addresses the project objectives, effectiveness metrics, acceptance criteria, and risk management
- N. You then schedule compliance reviews at key points in the implementation process to ensure that the work is proceeding in accordance with the Architecture Definition



O. Based on the results, you ensure that the Manufacturing Architecture Board reviews all deviations from the Architecture Contract, and considers whether or not to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.

**Answer:** D

**Explanation:**

Incorrect:

Not C: correct, but missing contract see 49.2.2.. Note:

\* Dispensations

A dispensation is used as the mechanism to request a change to the existing architectures, contracts, principles, etc. outside of normal operating parameters; e.g., exclude provision of service to a subsidiary, request for unusual service levels for specific business reasons, deploy non-standard technology or products to support specific business initiatives.

Dispensations are granted for a given time period and set of identified services and operational criteria that must be enforced during the lifespan of the dispensation. Dispensations are not granted indefinitely, but are used as a mechanism to ensure that service levels and operational levels, etc. are met while providing a level flexibility in their implementation and timing. The timebound nature of dispensations ensures that they are a trigger to the Architecture Compliance activity.

**NEW QUESTION 86**

- (Exam Topic 1)

Which one of the following best describes the Architecture Vision document?

- A. An agreement between development partners and the sponsor on architecture deliverables
- B. A description of how the new capability will address stakeholder concerns
- C. A description of the scope and approach for completion of the architecture project
- D. A set of quantitative statements outlining requirements on the implementation
- E. A set of rules and guidelines to support fulfilling the mission of the organization

**Answer:** B

**NEW QUESTION 89**

- (Exam Topic 1)

Which of the following statements best describes how Architecture Principles are used within the ADM?

- A. They are used to define the framework and detailed methodologies
- B. They are used to define stakeholders and their concerns
- C. They are used to determine the readiness factors impacting the organization
- D. They are used to guide decision making within the enterprise
- E. They are used to resolve and dispose of requirements

**Answer:** D

**NEW QUESTION 90**

- (Exam Topic 1)

Complete the sentence. According to TOGAF, an objective of Phase G, Implementation Governance, is to \_\_\_\_\_.

- A. assess the performance of the architecture and make recommendations for change
- B. ensure the baseline architecture continues to be fit-for-purpose
- C. ensure conformance with the defined architecture by the implementation projects
- D. establish an architecture change management process for the architecture finalized in the previous ADM phase
- E. operate the governance framework

**Answer:** C

**NEW QUESTION 91**

- (Exam Topic 1)

Which of the following is described by the TOGAF Architecture Content Framework as a type of artifact that shows lists of things?

- A. Building Block
- B. Catalog
- C. Diagram
- D. Matrix
- E. Deliverable

**Answer:** B

**NEW QUESTION 94**

- (Exam Topic 1)

Which of the following best completes the sentence? The Architecture Repository \_\_\_\_\_ .

- A. is used to store different classes of architectural output created by the ADM
- B. is a categorization mechanism for classifying architecture and solution artifacts
- C. is a detailed model of architectural work products, including deliverables and artifacts
- D. is an architecture of generic functions and services
- E. is a set of resources to help establish an architecture capability within an organization

**Answer:** A

#### NEW QUESTION 98

- (Exam Topic 1)

Which of the following describes an objective of Phase G: Implementation Governance?

- A. Finalize the Implementation and Migration Plan
- B. Establish the recourses for architecture governance
- C. Ensure conformance for the target architecture
- D. Operate the governance framework
- E. Develop the Target Technology Architecture

**Answer:** C

#### NEW QUESTION 102

- (Exam Topic 1)

Which of the following best describes how TOGAF defines an enterprise?

- A. Any collection of organizations that has a common set of goals
- B. Any corporation with more than 10,000 employees
- C. Any organization involved in commerce
- D. Any organization whose stock is traded
- E. Any set of organizations based at the same geographic location

**Answer:** A

#### NEW QUESTION 104

- (Exam Topic 1)

Which of the following describes the Architecture Vision document?

- A. A description of individual change increments showing progression from the baseline to target architecture
- B. A detailed schedule for implementation of the target architecture
- C. A high level description of the baseline and target architectures
- D. A joint agreement between the development team and sponsor on the deliverables and quality of an architecture
- E. A set of rules and guidelines to support fulfilling the mission of the organization

**Answer:** C

#### NEW QUESTION 106

- (Exam Topic 1)

Complete the sentence. In the Preliminary Phase, all of the following are part of preparing the organization to undertake successful enterprise architecture, except \_\_\_\_\_.

- A. defining architecture principles
- B. defining relationships between management frameworks
- C. defining the enterprise
- D. evaluating the enterprise architecture maturity
- E. identifying stakeholders and their concerns

**Answer:** E

#### NEW QUESTION 109

- (Exam Topic 1)

Which is the final step in the architecture development Phases B, C, and D?

- A. Conduct formal stakeholder review
- B. Define Roadmap components
- C. Resolve impacts across the Architecture Landscape
- D. Create Architecture Definition Document
- E. Select reference models, architecture viewpoints and tools

**Answer:** D

#### Explanation:

Reference <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap04.html>

#### NEW QUESTION 113

- (Exam Topic 1)

In which ADM phase does the value and change management process determine the circumstances under which the Enterprise Architecture is permitted to change after deployment?

- A. Phase F
- B. Phase E
- C. Phase G
- D. Phase H
- E. Preliminary Phase

**Answer:** D

#### Explanation:

Reference

<http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap14.html>

#### NEW QUESTION 118

- (Exam Topic 1)

Which one of the following statements about the structure of the TOGAF 9 document is true?

- A. Part I, the Enterprise Continuum, describes a model for structuring a virtual repository
- B. Part II, the Architecture Development Method, describes the definitions of terms used in TOGAF, and the changes between versions of TOGAF
- C. Part III, Tools and Support, describes a collection of guidelines and techniques used in the other parts of TOGAF
- D. Part VI, TOGAF Reference Models, includes a model for release management of the TOGAF specification
- E. Part VII, the Architecture Capability Framework, describes processes and skills to establish an enterprise function

**Answer:** E

#### NEW QUESTION 120

- (Exam Topic 1)

Complete the sentence. TOGAF covers the development of four architecture domains, Business, Data, Technology and \_\_\_\_\_.

- A. Application
- B. Capability
- C. Segment
- D. Transition
- E. Vision

**Answer:** A

#### NEW QUESTION 121

- (Exam Topic 1)

Which ADM Phase includes obtaining approval for the Statement of Architecture Work?

- A. Preliminary Phase
- B. Phase A: Architecture Vision
- C. Phase D: Technology Architecture
- D. Phase F: Migration Planning
- E. Phase G: Implementation Governance

**Answer:** B

#### NEW QUESTION 123

- (Exam Topic 1)

According to TOGAF, which of the following best describes the purpose of a Compliance Assessment?

- A. To ensure that architecture information is communicated to the right stakeholders at the right time
- B. To govern the architecture throughout its implementation process
- C. To provide a high-level view of the end architecture product
- D. To show progression of change from the Baseline Architecture to the Target Architecture

**Answer:** B

#### NEW QUESTION 124

- (Exam Topic 1)

Which of the following is an objective of the Preliminary Phase?

- A. Develop a vision of the proposed Enterprise Architecture
- B. Define the process for architecture governance
- C. Create the initial version of the Architecture Roadmap
- D. Document the baseline architecture
- E. Obtain approval for the Statement of Architecture Work

**Answer:** B

#### NEW QUESTION 125

- (Exam Topic 1)

Which of the following best describes the purpose of a business scenario?

- A. To define and plan an enterprise architecture transformation based on Capability-Based Planning
- B. To develop a set of general rules and guidelines for the architecture being developed
- C. To develop a set of security guidelines for the architecture being developed
- D. To help identify and understand the business requirements that an architecture must address
- E. To identify and mitigate the risks when implementing an architecture project

**Answer:** D

#### NEW QUESTION 130

- (Exam Topic 1)

According to TOGAF, which of the following is a characteristic of a Foundation Architecture?

- A. It contains only solution building blocks
- B. It contains business functions and processes specific to a particular industry sector
- C. It contains building blocks and their corresponding standards
- D. It includes a model of application components and application services software, including brokering applications
- E. It includes models for common high-level business functions, such as supply chain management

**Answer:** C

#### NEW QUESTION 132

- (Exam Topic 1)

Complete the sentence. The Solutions Continuum represents implementations of the architectures at corresponding levels of the \_\_\_\_\_ .

- A. Architecture Capability
- B. Architecture Continuum
- C. Architecture Landscape
- D. Architecture Metamodel
- E. Architecture Repository

**Answer:** B

#### NEW QUESTION 133

- (Exam Topic 1)

According to TOGAF, which of the following best describes the purpose of an Architecture Definition Document?

- A. To act as a deliverable container for artifacts created during a project
- B. To ensure that architecture information is communicated to the right stakeholders at the right time
- C. To govern the architecture throughout its implementation process
- D. To provide a high-level view of the end architecture product
- E. To show progression of change from the Baseline Architecture to the Target Architecture

**Answer:** A

#### NEW QUESTION 138

- (Exam Topic 1)

Which of the following best describes the Standards Information Base?

- A. A repository area holding a description of the organization specific architecture framework and method
- B. A repository area holding a record of the governance activity across the enterprise
- C. A repository area holding guidelines and templates used to create new architectures
- D. A repository area holding processes to support governance of the Architecture Repository
- E. A repository area holding specifications to which architectures must conform

**Answer:** E

#### NEW QUESTION 142

- (Exam Topic 1)

Which phase of the ADM establishes a set of Principles?

- A. Preliminary Phase
- B. Phase A
- C. Phase D
- D. Phase G
- E. Phase H

**Answer:** A

#### NEW QUESTION 143

- (Exam Topic 1)

In which phase of the TOGAF ADM are Gap Analysis results from earlier phases consolidated?

- A. Phase D
- B. Phase E
- C. Phase F
- D. Phase G
- E. Phase H

**Answer:** B

#### NEW QUESTION 145

- (Exam Topic 1)

Which section of the TOGAF template for defining principles should highlight the requirements for carrying out the principle?

- A. Implications
- B. Name
- C. Rationale



D. Statement

**Answer:** A

#### NEW QUESTION 148

- (Exam Topic 1)

Which model within TOGAF is closely related to the concept of Boundaryless Information Flow?

- A. The ARTS data model
- B. The Architecture Governance Framework
- C. The Enterprise Continuum
- D. The Integrated Information Infrastructure Model
- E. The TOGAF Technical Reference Model

**Answer:** D

#### NEW QUESTION 150

- (Exam Topic 1)

Which of the following statements best describes the Requirements Management process?

- A. It is used to develop requirements for Transition Architectures that deliver business value
- B. It is used to dispose of, address and prioritize architecture requirements
- C. It is used to establish requirements for Phase A
- D. It is used to manage architecture requirements throughout the ADM cycle
- E. It is used to review business requirements

**Answer:** D

#### NEW QUESTION 153

- (Exam Topic 1)

Which of the following describes the Phase H classification for an Incremental change?

- A. A change driven by a requirement to derive additional value from the existing investment
- B. A change driven by a requirement to increase investment in order to create new value for exploitation
- C. A change driven by a requirement to reduce investment
- D. A change driven by a requirement to re-align with the business strategy

**Answer:** A

#### NEW QUESTION 158

- (Exam Topic 1)

Which ADM phase defines the scope for the architecture development initiative and obtains approval to proceed with the architecture development?

- A. Phase D: Technology Architecture
- B. Phase A: Architecture Vision
- C. Requirements Management
- D. Phase B: Business Architecture
- E. Preliminary Phase

**Answer:** B

#### Explanation:

Reference <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap06.html>

#### NEW QUESTION 159

- (Exam Topic 1)

Which of the following is part of the Preliminary Phase?

- A. Creating the Architecture Vision deliverable
- B. Preparing a consolidated Gap Analysis
- C. Developing the Architecture Contract
- D. Defining a set of Architecture Principles

**Answer:** D

#### NEW QUESTION 161

- (Exam Topic 1)

When using a cycle of the ADM to establish an Architecture Capability as described in TOGAF Part VII, which architecture would describe the infrastructure requirements?

- A. Application Architecture
- B. Business Architecture
- C. Data Architecture
- D. Technology Architecture
- E. Transition Architecture

**Answer:**

D

#### NEW QUESTION 165

- (Exam Topic 1)

Complete the sentence. The Standards Information Base is a repository area that \_\_\_\_\_.

- A. defines the parameters, structures, and processes to support governance of the Architecture Repository
- B. describes the organization specific architecture framework and method
- C. lists the set of specifications to which architectures must conform
- D. provides a record of the governance activity across the enterprise
- E. provides guidelines, templates, and patterns used to create new architectures

**Answer:** C

#### NEW QUESTION 170

- (Exam Topic 1)

According to TOGAF, which of the following best describes the purpose of the Architecture Roadmap?

- A. To ensure that architecture information is communicated to the right stakeholders at the right time
- B. To evangelize the architecture to the end user community
- C. To govern the architecture through to implementation
- D. To keep the Architecture Review Board informed of changes to the architecture
- E. To show progression of change from the Baseline Architecture to the Target Architecture

**Answer:** E

#### NEW QUESTION 174

- (Exam Topic 1)

Which of the following does the TOGAF ADM recommend for use in developing the Architecture Vision?

- A. Architecture Principles
- B. Business Scenarios
- C. Interoperability Analysis
- D. Migration Planning Techniques
- E. Risk Management Techniques

**Answer:** B

#### NEW QUESTION 177

- (Exam Topic 1)

Within the Architecture Repository, what does the class of information known as the Architecture Capability include?

- A. The organization specific architecture framework, including a method for architecture development and a metamodel for architecture content
- B. A record of the governance activity across the enterprise
- C. Parameters, structures, and processes to support governance of the repository
- D. Specifications to which architecture must conform
- E. Patterns, templates, and guidelines used to create new architectures.

**Answer:** C

#### Explanation:

Reference

<http://pubs.opengroup.org/architecture/togaf91-doc/arch/chap41.html>

#### NEW QUESTION 180

- (Exam Topic 1)

Which of the following describes a purpose of an Architecture Compliance review?

- A. Identifying business transformation risks for an architecture project
- B. Identifying where standards may require modification
- C. Identifying relationships between management frameworks
- D. Identifying stakeholders and their concerns

**Answer:** B

#### Explanation:

Reference

<http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap24.html>

#### NEW QUESTION 183

- (Exam Topic 1)

Complete the sentence. The Architecture Landscape is divided into three levels, Strategic, Segment and \_\_\_\_\_.

- A. Baseline
- B. Capability
- C. Solution
- D. Target

E. Transition

**Answer:** B

#### NEW QUESTION 186

- (Exam Topic 1)

Which of the following best describes the class of information known as the Reference Library within the Architecture Repository?

- A. A description of the organization specific architecture framework and method
- B. A record of the governance activity across the enterprise
- C. Guidelines and templates used to create new architectures
- D. Processes to support governance of the Architecture Repository
- E. Specifications to which architectures must conform

**Answer:** C

#### NEW QUESTION 187

- (Exam Topic 1)

Which one of the following statements about TOGAF Building Blocks is true?

- A. Building blocks at a functional level are known as Solutions Building Blocks
- B. Solutions Building Blocks are selected in Phases A, B, C and D
- C. The specification of a building block should be loosely coupled to its implementation
- D. The gap analysis technique should be used to identify building blocks for re-use

**Answer:** C

#### NEW QUESTION 191

- (Exam Topic 1)

Which of the following is defined by TOGAF as a representation of a system from the perspective of a related set of concerns?

- A. Architecture Building Block
- B. Capability Architecture
- C. Statement of Work
- D. View
- E. Viewpoint

**Answer:** D

#### NEW QUESTION 194

- (Exam Topic 1)

Complete the sentence. The practice by which the enterprise architecture is managed and controlled at an enterprise level is known as \_\_\_\_\_. .

- A. Architecture governance
- B. Corporate governance
- C. IT governance
- D. Portfolio management
- E. Technology governance

**Answer:** A

#### NEW QUESTION 196

- (Exam Topic 1)

Which part of TOGAF describes taxonomies for categorizing the outputs of architecture activity in terms of reuse?

- A. ADM Guidelines and Techniques
- B. Architecture Capability Framework
- C. Architecture Development Method
- D. Enterprise Continuum & Tools

**Answer:** D

#### NEW QUESTION 199

- (Exam Topic 1)

According to TOGAF, in which phase of the ADM should an initial assessment of business transformation readiness occur?

- A. Preliminary Phase
- B. Phase A
- C. Phase B
- D. Phase F
- E. Phase G

**Answer:** B

#### NEW QUESTION 201

- (Exam Topic 1)

According to TOGAF, which of the following best describes the purpose of an Architecture Roadmap?

- A. To act as a deliverable container for artifacts created during a project
- B. To ensure that architecture information is communicated to the right stakeholders at the right time
- C. To govern the architecture throughout its implementation process
- D. To provide a high-level view of the end architecture product
- E. To show progression of change from the Baseline Architecture to the Target Architecture

**Answer:** E

#### NEW QUESTION 205

- (Exam Topic 1)

Complete the sentence: TOGAF provides a set of reference materials for establishing an architecture function within an organization known as the \_\_\_\_\_.

- A. Architecture Capability Framework
- B. Architecture Content Framework
- C. Architecture Landscape
- D. Architecture Repository
- E. Architecture Roadmap

**Answer:** A

#### NEW QUESTION 206

- (Exam Topic 1)

In Phases B, C, and D of the ADM cycle the first step defined is to select reference models, viewpoints, and tools. Which of the following is the next step in each of these phases?

- A. Conduct formal stakeholder review
- B. Create Architecture Definition Document
- C. Develop Baseline Architecture
- D. Perform gap analysis
- E. Resolve impacts across the Architecture Landscape

**Answer:** C

#### NEW QUESTION 207

- (Exam Topic 1)

In which of the following ADM Phases do building blocks become implementation-specific?

- A. Phase A
- B. Phase B
- C. Phase C
- D. Phase D
- E. Phase E

**Answer:** E

#### NEW QUESTION 210

- (Exam Topic 1)

Which Architecture domain is recommended to be the first architecture work undertaken in the ADM cycle?

- A. Application Architecture
- B. Business Architecture
- C. Data Architecture
- D. Technology Architecture

**Answer:** B

#### NEW QUESTION 212

- (Exam Topic 1)

Complete the sentence. The TOGAF Architecture Governance Framework includes .

- A. a list of responsibilities for running an Architecture Board
- B. a model for governance including process, content and context
- C. guidance for establishing an Architecture Capability using the ADM
- D. the Architecture Compliance review process and checklists

**Answer:** B

#### NEW QUESTION 216

- (Exam Topic 1)

Which of the following statements about TOGAF Building Blocks is true?

- A. A good Building Block should not be composed of other Building Blocks
- B. Architecture Building Blocks should be first selected in Phase D
- C. Building Block specifications should be loosely coupled to implementation



D. Custom developments are known as Architecture Building Blocks

**Answer:** C

#### NEW QUESTION 221

- (Exam Topic 1)

Which of the following does TOGAF describe as "a formal description of a system, or a detailed plan of the system at component level to guide its implementation"?

- A. Architecture
- B. Artifact
- C. Deliverable
- D. Model
- E. View

**Answer:** A

#### NEW QUESTION 222

- (Exam Topic 1)

Which part of the TOGAF document describes taxonomies for categorizing the outputs of architecture activity?

- A. ADM Guidelines and Techniques
- B. Architecture Capability Framework
- C. Architecture Development Method
- D. Enterprise Continuum & Tools

**Answer:** D

#### NEW QUESTION 224

- (Exam Topic 1)

Which section of the TOGAF template for Architecture Principles should highlight the business benefits for adhering to the principle?

- A. Implications
- B. Name
- C. Rationale
- D. Statement

**Answer:** C

#### NEW QUESTION 225

- (Exam Topic 1)

In Phases B, C, and D which is the first step in each phase?

- A. Conduct formal stakeholder review
- B. Create Architecture Definition Document
- C. Define Roadmap components
- D. Perform gap analysis
- E. Select reference models, viewpoints and tools

**Answer:** E

#### NEW QUESTION 228

- (Exam Topic 1)

Which one of the following statements about the Requirements Management phase is true?

- A. All requirements fed into the phase are prioritized, and those of low priority are deferred until the next iteration of the ADM cycle
- B. The phase generates the requirements for a given ADM cycle using the Business Scenario technique
- C. The phase manages the flow of requirements, storing them, and feeding them in and out of the relevant ADM phases
- D. The phase operates like a waiting room, and all requirements fed in to the phase must be resolved by the end of the current ADM cycle
- E. The phase resolves the requirements that are fed into it from the other ADM phases

**Answer:** C

#### NEW QUESTION 233

- (Exam Topic 1)

In which part of the ADM cycle are building blocks evolved using a common platform of steps?

- A. Preliminary Phase and Phase A
- B. Phases B, C and D
- C. Phases E and F
- D. Phases Grid H

**Answer:** B

#### NEW QUESTION 236

- (Exam Topic 1)

In which Phase of the ADM does the business scenario technique figure most prominently?

- A. Preliminary
- B. Architecture Vision
- C. Business Architecture
- D. Information Systems Architectures
- E. Technology Architecture

**Answer:** B

#### NEW QUESTION 237

- (Exam Topic 1)

Complete the sentence. The Requirements Management Phase \_\_\_\_\_.

- A. addresses and resolves requirements between ADM phases
- B. is a central process that prioritizes requirements for all ADM phases
- C. is used to dispose of resolved requirements for all ADM phases
- D. generates new requirements and passes them to all ADM phases
- E. stores requirements and manages their flow into relevant ADM phases

**Answer:** E

#### NEW QUESTION 239

- (Exam Topic 1)

Complete the sentence. The Architecture Landscape is divided into three levels, Capability, Segment, and \_\_\_\_\_.

- A. Baseline
- B. Solution
- C. Strategic
- D. Target
- E. Transition

**Answer:** C

#### NEW QUESTION 244

- (Exam Topic 1)

Which one of the following statements best describes why the ADM should be adapted?

- A. To align it closer to the business
- B. To make the use more realistic
- C. To move through the cycle faster
- D. To suit the specific needs of the enterprise

**Answer:** D

#### NEW QUESTION 248

- (Exam Topic 1)

Complete the sentence. During the implementation of an architecture, if the original Architecture Definition and requirements are not suitable, a \_\_\_\_\_ may be submitted to initiate further architecture work.

- A. Capability Assessment
- B. Change Request
- C. Requirements Impact Analysis
- D. Statement of Architecture Work

**Answer:** B

#### NEW QUESTION 250

- (Exam Topic 1)

Which one of the following is an objective of Phase A of the TOGAF ADM?

- A. To allocate the resources needed to implement the architecture project
- B. To define the framework that is going to be used to develop the enterprise architecture
- C. To define an IT Strategy that maps out the technology infrastructure
- D. To prepare a Solution Architecture for the enterprise
- E. To secure formal approval to proceed

**Answer:** E

#### NEW QUESTION 254

- (Exam Topic 1)

Which one of the following statements about viewpoints is correct?

- A. A viewpoint is always specific to an architecture
- B. A viewpoint is used to create views in Phases E and F
- C. A viewpoint is used as a template to create a view

D. A viewpoint is what a stakeholder sees

**Answer:** C

#### NEW QUESTION 255

- (Exam Topic 1)

Which of the following is a re-usable artifact that is used to create architecture models addressing stakeholder concerns?

- A. Catalog
- B. Matrix
- C. Diagram
- D. View
- E. Viewpoint

**Answer:** E

#### NEW QUESTION 257

- (Exam Topic 1)

In which section of the TOGAF template for Architecture Principles would a reader find the answer to the question of 'How does this affect me'?

- A. Implications
- B. Name
- C. Rationale
- D. Statement

**Answer:** A

#### NEW QUESTION 260

- (Exam Topic 1)

Which of the following best describes the purpose of the Gap Analysis technique?

- A. To determine service levels for the architecture
- B. To establish quality metrics for the architecture
- C. To identify commercial building blocks to be purchased
- D. To identify missing functions
- E. To validate nonfunctional requirements

**Answer:** D

#### NEW QUESTION 263

- (Exam Topic 1)

Which ADM phase includes establishing the Architecture Capability and definition of Architecture Principles?

- A. Phase B: Business Architecture
- B. Preliminary Phase
- C. Phase A: Architecture Vision
- D. Phase F: Migration Planning
- E. Phase C: Data Architecture

**Answer:** B

#### Explanation:

Reference <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap02.html>

#### NEW QUESTION 268

- (Exam Topic 1)

Which one of the following best describes the purpose of the Communications Plan?

- A. To act as a deliverable container for artifacts created during a project
- B. To ensure that information is communicated to the right stakeholders at the right time
- C. To ensure that the results of a Compliance Assessment are distributed to the Architecture Board
- D. To inform the Architecture Board of changes to the architecture
- E. To show progression of change from the Baseline Architecture to the Target Architecture

**Answer:** B

#### NEW QUESTION 271

- (Exam Topic 1)

Which of the following describes the TOGAF classification in Phase H for a simplification change?

- A. A change driven by a requirement to derive additional value from the existing investment
- B. A change driven by a requirement to increase investment in order to create new value for exploitation
- C. A change driven by a requirement to reduce investment
- D. A change driven by a requirement to re-align with the business strategy
- E. A change driven by a requirement to simplify communication between stakeholders

**Answer:**

C

#### NEW QUESTION 276

- (Exam Topic 1)

According to TOGAF, which of the following best describes the classification of architectural change in the case where multiple server systems are being consolidated to a single system?

- A. A bottom-up change to enhance operational capability
- B. An incremental change handled via change management techniques
- C. A re-architecting change that puts the whole architecture through an ADM cycle
- D. A revision change of the enterprise architecture
- E. A simplification change handled via change management techniques

**Answer:** E

#### NEW QUESTION 278

- (Exam Topic 1)

In Phases B, C, and D which is the final step in each phase?

- A. Conduct formal stakeholder review
- B. Create Architecture Definition Document
- C. Define Roadmap components
- D. Perform gap analysis
- E. Select reference models, viewpoints and tools

**Answer:** B

#### NEW QUESTION 283

- (Exam Topic 1)

Which one of the following best describes an Architecture Compliance Review?

- A. A review of an architecture project against established criteria and business objectives
- B. A review of the readiness and ability of an organization to accept change
- C. A review of the organization's ability to share information and services
- D. A review of the baseline and target architectures to identify gaps
- E. A review of the plans for enterprise transformation

**Answer:** A

#### NEW QUESTION 286

- (Exam Topic 1)

Which of the following architectures in the Architecture Continuum contains the most re-usable architecture elements?

- A. Common Systems Architectures
- B. Foundation Architectures
- C. Industry Architectures
- D. Organization-Specific Architectures

**Answer:** B

#### NEW QUESTION 289

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the question

The ABC company is a large, global commodities trading company which has been growing rapidly through a series of acquisitions.

Each new business is performing well in its markets. However, the lack of integration between headquarters and the business units has increasingly caused problems in the handling of customer and financial information. The inability to share information across businesses has resulted in lost opportunities to "leverage the synergies" that had been intended when the businesses were acquired. At present, each business unit maintains its own applications. Despite an earlier initiative to install a common application to manage customer, products, supplier, and inventory information, each business unit has different ways of defining each of these core elements and has customized the common application to the point where the ability to exchange information is difficult, costly, and error-prone. As a result, the company has begun implementing a single Enterprise Resource Planning (ERP) system to consolidate information from several applications that exist across the lines of business.

The Corporate Board is concerned that the new ERP system must be able to manage and safeguard customer information in a manner that meets or exceeds the legal requirements of the countries in which the company operates. This will be an increasingly important capability as the company expands its online services offered to clients and trading partners.

The CIO has formed an Enterprise Architecture department, and one of the primary goals in its charter is to coordinate efforts between the ERP implementation team and the business unit personnel who will be involved

in the migration process. The CIO has also formed a cross-functional Architecture Review Board to oversee and govern the architecture. The company has selected TOGAF 9 as the basis for its Enterprise Architecture program. The CIO has endorsed this choice with the full support of top management.

Refer to the Scenario

You are serving as the Chief Architect.

You have been asked to recommend the approach to take in the Preliminary Phase to ensure that the Corporate Board's concern is addressed.

Based on TOGAF 9, which of the following is the best answer?

- A. You evaluate the implications of the Board's concern in terms of regulatory and security policy requirement
- B. You then update the company security policy to reflect the concern, ensuring that this policy is communicated across the organization. You allocate a security architecture team to ensure that security considerations are included in ongoing architecture planning



- C. You then assess the security implications and agreements within the company businesses and their suppliers.
- D. You start by clarifying the intent that the Board has for raising this concern
- E. This enables you to understand the implications of the concern in terms of regulatory requirements and the potential impact on current business goals and objective
- F. You propose that a security architect or security architecture team be allocated to develop a comprehensive security architecture.
- G. You evaluate the implications of the Board's concern in terms of regulatory requirements and their impact on business goals and objective
- H. Based on this understanding, you then issue a Request for Architecture Work to commence an architecture development project to develop a solution that will address the Board's concern
- I. You allocate a security architect to oversee the implementation of the solution in the ERP system that is being developed.
- J. You evaluate the implications of the Board's concern by examining the potential impacts on business goals and objective
- K. Based on your understanding, you then update the current company security policy to include an emphasis on the Board's concern. In addition, you allocate a security architect to ensure that security considerations are included in the architecture planning for all domains.

**Answer: D**

#### NEW QUESTION 291

- (Exam Topic 2)

Which of the following best describes the Standards Information Base?

- A. A repository area that defines the parameters, structures, and processes to support governance.
- B. A repository area that describes the organization specific architecture framework and methodologies.
- C. A repository area that provides guidelines, templates, and pattern used to create new architectures.
- D. A repository area that lists a set of specifications to which architectures must conform
- E. A repository area that provides a record of the governance activity across the enterprise.

**Answer: D**

#### Explanation:

Reference <https://pubs.opengroup.org/architecture/togaf91-doc/arch/chap41.html>

#### NEW QUESTION 294

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

You have been appointed as a consultant to the Chief Enterprise Architect of a multinational corporation. The corporation has over 100,000 employees and is organized into 10 divisions with operation in over 60 countries and products sold in over 125 countries. It has major research sites at 8 locations worldwide. The operations of the corporation are subject to legal and regulatory requirements for each country where they operate. The production of its products has governmental controls that are strictly enforced and compliance is critical. Recently a competitor was heavily fined for violating the regulations in a country where it was conducting a trial for a new product.

The Enterprise Architecture group within the company has been engaged in an architecture development system that will allow researchers at its product development laboratories worldwide to share information about their clinical trials. This system will also connect with external partners.

The Enterprise Architecture group is a mature organization. They use the TOGAF ADM with extensions required to support the manufacturing practices and laboratory practices of their target markets. Due to the highly sensitive nature of the information that is managed, special care was taken to ensure that each architecture domain included an examination of the security, regulatory and privacy issues that are relevant.

The Executive Vice President for Clinical Research is the sponsor of the Enterprise Architecture activity. She has stated that the changes to the Enterprise Architecture for the new system will need to be rolled out on a geographic basis that will minimize disruptions to ongoing clinical trials. The work will need to be done in stages and rolled out in geographical regions.

Refer to the Scenario

You have been asked to recommend the approach to identify the work packages that will be included in the Transition Architecture (s)

Based on the TOGAF standard, which of the following is the best answer?

- A. You would use a Consolidated Gaps, Solutions and Dependencies Matrix as a planning tool
- B. For each gap, you would classify whether the solution is either a new development, purchased solution, or based on an existing product
- C. You would group the similar solutions together to define the work package
- D. You would then regroup the work packages into a set of Capability Increments to transition to the Target Architecture taking into account the schedule for clinical trials.
- E. You would determine the set of Solution Building Blocks required by identifying which need to be developed and which need to be procure
- F. You would eliminate any duplicate building blocks, and then group the remaining Solution Building Blocks together to create the work packages using a CRUD matrix
- G. You would then rank the work packages in terms of cost, and select the most cost-effective options for inclusion in a series of Transition Architecture
- H. Finally, you would schedule a sequential roll out of the work packages across the geographic regions.
- I. You would document the factors impacting the implementation and Migration Plan and group the gaps identified in the domain architecture gap analysis result
- J. For each gap, you would identify a proposed solution and classify it as new development, purchased solution, or based on an existing product
- K. You would group similar solutions together to form work packages, and identify dependencies between the work packages and identify dependencies between the work packages factoring in the clinical trial schedule
- L. Finally, you would regroup the packages into a set of Capability Increments scheduled into a series of Transition Architectures.
- M. You would group the Solution Building Blocks from a Consolidated Gaps, Solutions and Dependencies Matrix into a set of work package
- N. Using the matrix as a planning tool you would then regroup the work packages to account for dependencies
- O. You would sequence the work packages to account for dependencies
- P. You would sequence the work packages into the Capability Increments needed to achieve the Target Architecture
- Q. You would schedule the rollout one region at a time
- R. Finally, you would document the progression of the Enterprise Architecture using a state evolution table.

**Answer: A**

#### NEW QUESTION 299

- (Exam Topic 2)

Which of the following best describes the Reference Library within the Architecture Repository?

- A. Guidelines and templates used to create new architectures

- B. Processes to support governance of the Architecture Repository
- C. A description of the organization specific architecture framework and method
- D. Specifications to which architectures must conform
- E. A record of the governance activity across the enterprise

**Answer:** A

#### NEW QUESTION 301

- (Exam Topic 2)

Complete the sentence. TOGAF 9 Part III provides techniques, such as developing principles and gap analysis, to support tasks within the \_\_\_\_\_

- A. Architecture Capability Framework
- B. Architecture Continuum
- C. Architecture Development Method
- D. Architecture Landscape
- E. Architecture Repository

**Answer:** C

#### NEW QUESTION 305

- (Exam Topic 2)

Complete the sentence. Capability-Based Planning is a technique that \_\_\_\_\_

- A. ensures timely solutions
- B. identifies services to be shared
- C. focuses on business outcomes
- D. ensures the application of business best practices
- E. ensures business information is communicated to the right people at the right time

**Answer:** C

#### NEW QUESTION 309

- (Exam Topic 2)

Complete the sentence. In a gap analysis, a building block that appears in the Target Architecture but does not appear in the Baseline Architecture indicates \_\_\_\_\_

- A. nonconformant solution building blocks
- B. an error has occurred and the architecture must be re-evaluated
- C. requirements have not been properly documented
- D. functionality that should be eliminated
- E. a new function that must be built or procured

**Answer:** E

#### NEW QUESTION 314

- (Exam Topic 2)

Which one of the following is NOT part of the approach to Phase H -Architecture Change Management?

- A. Business Scenarios
- B. Capacity Measurement
- C. Change Management
- D. Measuring Business Growth

**Answer:** A

#### NEW QUESTION 315

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the Question

You are serving as the Lead Enterprise Architect at a major supplier in the automotive industry. The company is headquartered in Cleveland, Ohio with manufacturing plants across the United States, Brazil, Germany, Japan and South Korea. Each of these plants has been operating its own planning and production scheduling systems, as well as custom developed applications that drive the automated production equipment at each plant.

The company is implementing lean manufacturing principles to minimize waste and improve the efficiency of all of its production operations. During a recent exercise held for internal quality improvement, it was determined that a significant reduction in process waste could be achieved by replacing the current planning and scheduling systems with a common Enterprise Resource Planning (ERP) system located in the Cleveland data center. This central system would provide support to each of the plants replacing the functionality in the existing systems. It would also eliminate the need for full data centers at each of the plant facilities. A reduced number of IT staff could support the remaining applications. In some cases, a third-party contractor could provide those staff.

The Enterprise Architecture department has been operating for several years and has mature, well-developed architecture governance and development processes that are strongly based on TOGAF 9.

At a recent meeting, the Architecture Board approved a Request for Architecture Work sponsored by the Chief Engineer of Global Manufacturing Operations. The request covered the initial architectural investigations and the development of a comprehensive architecture to plan the transformation.

The Common ERP Deployment architecture project team has now been formed, and the project team has been asked to develop an Architecture Vision that will achieve the desired outcomes and benefits. Some of the plant managers have expressed concern about the security and reliability of moving their planning and production scheduling from a remote centralized system. The Chief Engineer wants to know how these concerns can be addressed.

Refer to the Scenario

During the initial meeting of the Common ERP Deployment architecture project team, a number of alternative recommendations for how to proceed are put forward by members of the team.

You have been asked to select the most appropriate recommendation to ensure that the team evaluates different approaches to the problem and clarifies the requirements for the architecture.  
Based on TOGAF 9, which of the following is the best answer?

- A. The team should develop Baseline and Target Architectures for each of the manufacturing plants, ensuring that the views corresponding to selected viewpoints address key concerns of the stakeholder
- B. A consolidated gap analysis between the architectures will then be used to validate the approach, and determine the capability increments needed to achieve the target state.
- C. The team should exercise due diligence and carefully research vendor literature and conduct a series of briefings with vendors that are on the current approved supplier list
- D. Based on the findings from the research, the team should define a preliminary Architecture Vision
- E. The team should then use that model to build consensus among the key stakeholders.
- F. The team should use stakeholder analysis to understand who has concerns about the initiative
- G. The team should then hold a series of interviews at each of the manufacturing plants using the business scenario technique
- H. This will then enable them to identify and document the key high-level stakeholder requirements for the architecture.
- I. The team should conduct a pilot project that will enable vendors on the short list to demonstrate potential solutions that will address the concerns of the stakeholder
- J. Based on the findings of that pilot project, a complete set of retirements will be developed that will drive the evolution of the architecture.

**Answer:** A

#### NEW QUESTION 320

- (Exam Topic 2)

Complete the sentence. According to TOGAF, the simplest way of thinking about the Enterprise Continuum is as a \_\_\_\_\_

- A. Configuration Database
- B. library of architecture artifacts
- C. Requirements Management System
- D. Standards Information Base
- E. view of the Architecture Repository

**Answer:** E

#### NEW QUESTION 325

- (Exam Topic 2)

Which part of the TOGAF standard provides a full description of each architecture phase?

- A. Architecture Capability Framework
- B. Architecture Development Method
- C. ADM Guidelines and Techniques
- D. Enterprise Continuum & Tools

**Answer:** B

#### NEW QUESTION 326

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the question

Your role is consultant to the Lead Architect within a company that manufactures electromechanical devices. The company is organized as independent operational divisions.

The company has a mature Enterprise Architecture (EA) practice and uses the TOGAF standard for the basis of its architecture framework. In addition to the EA program, the company has a number of management frameworks in use, including business planning, portfolio/project management, and operations management. The EA program is sponsored by the CIO.

A strategic architecture has been approved that includes consolidation of multiple Enterprise Resource Planning (ERP) applications that have been operating in several of the divisions' production facilities. The

goal is to replace the functionality of the existing applications with a new ERP product running as a single instance in the company's primary data center.

Each division has completed the Architecture Definition documentation required to tailor and configure the environment to meet its own specific manufacturing requirements.

The enterprise architects have analyzed the key corporate change attributes and implementation constraints. A consolidated gap analysis has been completed which has identified the gaps across the Business, Data, Application, and Technology domains.

Using the results of the gap analysis, the architects have reviewed the requirements, dependencies and interoperability requirements needed to integrate the new ERP environment into the existing environment. The architects have completed the Business Transformation Readiness Assessment started in Phase A. Based on all of these factors they have produced a risk assessment.

The implementation process is estimated to take four years. Because of the risks posed by the complexity of the current environment, a phased approach is needed to implement the target architectures. The Implementation and Migration Plan v0.1, the draft Architecture Roadmap, and the Capability Assessment deliverables are now complete.

You have been asked to recommend the next steps to prepare the final Implementation and Migration Plan. Based on the TOGAF standard, which of the following is the best answer?

- A. You would assess how the plan impacts the other frameworks in use in the organization
- B. The plan should be coordinated with the business planning, portfolio/project management and operations management framework
- C. You would then assign a business value to each project, considering available resources and priorities for the project
- D. Finally, you would generate the Implementation and Migration Plan.
- E. You would apply the Business Value Assessment Technique to prioritize the implementation projects and project increment
- F. The assessment should focus on return on investment and performance evaluation criteria that can be used to monitor the progress of the architecture transformation
- G. You would confirm the Transition Architecture phases using an Architecture Definition Increments Table to list the project
- H. You would then document the lessons learned and generate the final plan.
- I. You would place the strategic Architecture Definition and Transition Architectures under configuration control as part of the ongoing architecture development cycle

- J. This will ensure that the architecture remains relevant and responsive to the needs of the enterpris
- K. You would then produce an Implementation Governance Model to manage the lessons learned prior to finalizing the pla
- L. You recommend that lessons learned be accepted by the Architecture Board as changes to the architecture without review.
- M. You would conduct a series of Compliance Assessments to ensure that the implementation team is implementing the architecture according to the contrac
- N. The Compliance Assessment should verify that the implementation team is using the proper development methodolog
- O. It should include deployment of monitoring tools and ensure that performance targets are being me
- P. If they are not met, then changes to performance requirements should be identified and updated in the Implementation and Migration Plan.

**Answer:** A

#### NEW QUESTION 331

- (Exam Topic 2)

Which one of the following describes a purpose of an Architecture Compliance review?

- A. To define the capabilities of the organization
- B. To communicate the technical readiness of the project
- C. To evaluate the readiness of the organization to undergo change
- D. To produce a new Request for Architecture Work

**Answer:** B

#### NEW QUESTION 336

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the Question

Your role is that of Lead Enterprise Architect within a vacation property management firm that has been growing through acquisition. The firm manages over 200 resort properties across North America. Many of the resort properties use the same internal IT systems that they used before they were acquired. Until recently, the only requirement that has been placed on each property is that they use a standard financial reporting system to report their financial results to the headquarters on a weekly basis.

The CEO has stated his concerns about the inefficiencies of the current approach and identified the need to change. He has defined a new strategic vision that will enhance the business by standardizing its operations across the network to provide consolidated financial, human resources, logistics, sales and marketing, and yield management. He has also stated that he expects results by the end of the current fiscal year.

These changes will provide the company with improved utilization of its capacity and more efficient operations. The addition of a corporate-wide data warehouse will provide analytics that will enable the marketing group to improve its ability to target advertising into key markets to improve yields.

The firm has a mature enterprise architecture practice and uses TOGAF 9 as the method and guiding framework. The CIO is the sponsor of the activity.

In planning this change, the Chief Architect engaged the services of a well-known consulting firm that specializes in business strategy. An initial study has been conducted to identify the strategic changes needed to implement the CEO's vision. This recently completed with approval of a strategic architecture encompassing the entire firm, including detailed requirements and recommendations.

Based on the recommendations from the initial study, the firm has taken the decision to adopt a packaged suite of integrated applications that is tailored to the needs of the hospitality industry.

Refer to the scenario

You have been asked by the Chief Architect to justify the best approach for architecture development to realize the CEO's vision.

Based on TOGAF 9, which of the following is the best answer?

- A. You recommend that the target architecture is defined first, followed by transition plannin
- B. This is because the vision is well understood and the strategic architecture agree
- C. This will ensure that the current problems and inefficiencies of the baseline architecture are not carried forward, and that the proposed solution addresses the requirements identified in the initial study.
- D. You recommend that the team focus on architecture definition, with a specific emphasis on understanding the strategic change parameters of the business strateg
- E. Once understood, the team will be in the best position to identify the requirements, drivers, issues, and constraints for this engagemen
- F. You would ensure that the target architecture addresses non-functional requirements so as to ensure the target architecture is robust and secure.
- G. You recommend that the team focus on defining the target architecture by going through the architecture definition phases (B-D). This is because the initial study identified the need to chang
- H. This will ensure that the change can be defined in a structured manner and address the requirements needed to realize the vision.
- I. You recommend that this engagement define the baseline Technology Architecture first in order to assess the current infrastructure capacity and capabilit
- J. Then the focus should be on transition planning and architecture deploymen
- K. This will identify retirements to ensure that the projects are sequenced in an optimal fashion so as to realize the vision.

**Answer:** D

#### NEW QUESTION 338

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